MULTIMEDIA MADE SIMPLE

PMB VAIO® Edition makes managing and enjoying your photos and home videos simple and easy. Instantly sort your photos and home videos by person, place, or date and reduce camera shake in your home videos effortlessly with this breakthrough technology.

Fall in love with your favorite movies all over again with an extra-wide, theater inspired 16.4"[4] (1920x1080) Full HD display using energy-efficent LCD technology. Enjoy the convenience and utility of DVD and CD read/write functionalities.

An HDMI™ output delivers video and audio to external sources via a single cable so you can enjoy HD entertainment on your compatible big screen HDTV without a myriad of extra cables (HDMI™ cable sold separately).

POWERFUL PERFORMACE

Enjoy the powerful performance of an Intel® Core™ i7- 740QM processor (1.73GHz[1]) with Intel® Turbo Boost Technology[20] up to (2.93GHz[1]) and 4GB of pre-installed system memory.

The VAIO® F Series laptop comes pre-installed with Genuine Microsoft® Windows® 7 Ultimate 64-bit[12] .

Microsoft® Office Starter 2010[11] includes reduced-functionality versions of Word® and Excel® only, with advertising.

A NVIDIA® GeForce® 310M graphics card with 512MB VRAM delivers smooth, responsive gameplay.

Store your favorite multimedia, important documents, and cherished family photos on the massive 320GB[2] (7200rpm) Serial ATA hard drive.

Specifications

Dimensions

Weight: 6.4 lbs (with standard capacity battery)

Measurements: 15.3"(W) x 1.22-1.62"(H) x 10.4"(D) [5]

General

Action Buttons: S1,VAIO, ASSIST, Play / Pause / Stop, Wireless on / off, Display off

Pointing Device: Electro-static touchpad (Multi-Finger)

Hardware

Keyboard: QWERTY, 103 keys with 2.0mm stroke and 19.05mm pitch

Camera: Built-in MOTION EYE® camera and microphone with face-tracking technology

10-Key Numeric Pad: Yes

Backlit Keyboard: Yes

Processor

Type: Intel® Core™ i7 - 740QM

Speed: 1.73GHz[1] with Turbo Boost Technology up to 2.93GHz[20]

Technology: Quad-Core

L3 Cache: 6MB

Memory

Installed: 4GB (2GBx2)

Maximum: 8GB

Type/Speed: DDR3/1333MHz

Hard Drive

Capacity: 320GB[2]

Speed: 7200rpm

Type: Serial ATA

Display

Screen Size: 16.4"[4]

Resolution: 1920 x 1080

Technology: Full HD

Expansion Slots

Multimedia Card Reader: One Memory Stick PRO™ (STD / Duo) media slot with MagicGate® functionality
One ExpressCard® /34 media slot
One Secure Digital (SD memory card) media slot

Audio

Sound System: Intel® High Definition Audio w/ Dolby® Home Theather® v3

Graphics

Processor: NVIDIA® GeForce® 310M GPU

Video RAM: 512MB of dedicated video RAM

Inputs and Outputs

Headphone Jack: 1

Microphone Input: 1

USB Port(s): 3 USB (one shared with eSATA)

VGA Output(s): 1

DC-In: 1

i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)[6]

Ethernet Connection (s): 1

HDMI™ Output: 1

Internal Microphone: 1

Power

Battery Type: Standard Capacity Lithium-ion Battery

Software

Operating System: Genuine Microsoft® Windows® 7 Ultimate 64-bit[12]

Supplied Software: Microsoft® Office 2010 Starter [11]

Anti-Virus Software: Norton Internet Security™ 2010 30-Day Trial Offer[13]

System Maintenance and Support: VAIO Care™ - System diagnostics and maintenance

Sony® Creativity Suite: PMB – VAIO® Edition - Import, organize, edit and publish in one easy-to-use program
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.

Service and Warranty Information

Telephone Support: 1 year toll-free technical assistance available 24/7 at 888-476-6972. For priority support, please call 239-768-7605[9] .

Online and Email Support: Available at http://www.esupport.sony.com/EN/VAIO

Onsite/In-Home Service: 1 year limited warranty with Onsite/In-Home Service[14] . See actual warranty for details.

International Service: 1 year international service plan. Registration required. See www.sony.com/IRSP for details.

Limited Warranty Term: 1 year limited warranty[8] . See actual warranty for details.

Environmental Information

EPEAT™: Silver

RoHS®: Compliant

ENERGY STAR®: 5.0

Optical Drive

BD-ROM Read: 6x max

Blu-ray Disc™ Support: Read/Write[20] (BD-R/-RE/-ROM)

CD Support: Read / Write (CD/-R/-RW)

DVD Support: Read / Write (DVD±R/±RW/±R DL/-RAM)

BD-R DL Read / Write: 4x max

BD-R Read / Write: 6x max

BD-RE DL Read / Write: 2x max

BD-RE Read / Write: 2x max

Start-up Times

Average Boot Time: 60 sec[16]

Average Resume Time from Suspend: 2 sec[16]

First Boot Time: 5 min[17]

Wireless/Networking

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T

Ethernet Speed: Fast Ethernet (RJ-45)

Wi-Fi: 802.11 b/g/n[3]

Bluetooth® Technology: Integrated Stereo A2DP (2.1 + EDR) [18]

Power

DVD Playback: Up to 1 hours[7] Standard Capacity Battery

Default Brightness: Up to 3 hours[7] Standard Capacity Battery
Up to 4.5 hours[7] Large Capacity Battery

Maximum Brightness: Up to 3 hours[7] Standard Capacity Battery
Up to 4.5 hours[7] Large Capacity Battery

Supplied Accessories

Standard Capacity Lithium-ion Battery (5000mAh)

AC Adapter

Power Cord

Optional Accessories

AC Adapter (VGP-AC19V45)

Additional Standard Capacity Battery (VGP-BPS21A/B)

Large Capacity Battery (VGP-BPL21)

Campus Messenger Bag (VGP-AMB14/B)

VAIO Backpack (VGP-CCB6/B)

Bluetooth® Keyboard (VGP-BKB1)

Bluetooth® Remote Mouse (VGP-BMS80)

VAIO® Neoprene Carrying Case (VGP-AMC7)

Rechargeable Bluetooth® Mouse (VGP-BMS77)

Other

Color: Titanium Gray

UPC Code: 027242804074

Footnotes

1. GHz denotes microprocessor internal clock speed and may vary.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires a compatible 802.11 access point (802.11n recommended) and internet connection.
4. Viewable area measured diagonally.
5. Measured at the narrowest point
6. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
7. Rating based upon laboratory testing. Actual performance varies based on settings, environmental conditions, and usage. Battery capacity decreases over time and use.
8. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.sony.com/pcsupport, call toll-free 888-476-6972 (888-4SONYPC) or write to Sony Electronics,12451 Gateway Boulevard, Fort Myers, FL 33913.
9. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the aplicable software vendor. Long distance charges may apply
10. Broadband Internet service required along with third party services which may require a subscription or other service fee.
11. Includes Microsoft® Office 2010 preloaded. Purchase a Product Key to activate a full Microsoft Office 2010 suite.
12. Compatibility and performance in a 64-bit environment may vary.
13. Norton Internet Security™ 2010 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. After your 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identify theft.
14. When available, Sony will provide Onsite/In-Home Service in fulfillment of its limited warranty obligations. Any such services are subject to the terms and conditions of the limited warranty. See actual Limited Warranty for details. Onsite/In-Home Service will be provided via third-party technician to be dispatched as needed following phone-based troubleshooting. Some repairs may be accomplished with self repair kits. Onsite/In-Home Service may not be available in all locations.
15. Requires high definition-capable display with HDMI™ connector. Image quality will vary.
16. Based on original factory image and will vary with product configuration changes and additional software added to the hard drive.
17. Excluding end user interaction
18. Interoperability and compatibility among Bluetooth® devices vary

    turboboost
19. Certain circumstances may limit/prevent Blu-ray Disc™ media playback.
20. Intel®Turbo Boost Technology requires a PC with a processor with Intel Turbo Boost Technology capability. Intel Turbo Boost Technology performance varies depending on hardware, software and overall system configuration.

Computer Interface: For this product, there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice. Non-metric weights and measures are approximate and may vary.
Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).
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